

24. The apparatus according to claim **1**, wherein the infusion apparatus, is a hand-actuated, gravity-fed infusion pump.

25. The apparatus according to claim **1**, wherein: the plurality conduits includes a first set of conduits and a second set of conduits, the first set of conduits is configured to occlude fluid flow when the plunger actuates against the plurality of conduits by a first predetermined amount, and the second set of conduits is configured to occlude fluid flow when the plunger actuates against the plurality of conduits by a second predetermined amount.

26. The apparatus according to claim **1**, wherein: the plurality conduits includes a first set of conduits and a second set of conduits, the first set of conduits is configured to occlude fluid flow when a first force is applied orthogonally to a length of the first set of fluid conduits by a first predetermined amount, and

the second set of conduits is configured to occlude fluid flow when a second force is applied orthogonally to a length of the second set of fluid conduits by a second predetermined amount, wherein the first and second forces are different from each other.

27. The apparatus according to claim **1**, the drip-chamber seat comprising:

a first shelf defined at an opening of a channel of the tube seat configured to receive a bottom of a drip chamber; a support member coupled to at least one of the first shelf and a housing of the apparatus; and a top cap coupler configured to receive a top cap of the drip chamber.

28. The apparatus according to claim **27**, wherein the top cap coupler include at least one recess configured to receive an arm of a top cap of a drip chamber.

29. The apparatus according to claim **28**, wherein the actuator is a knob coupled to a shaft and configured to actuate along an axis of the shaft.

30. The apparatus according to claim **29**, wherein the shaft is a threaded shaft.

31. The apparatus according to claim **30**, further comprising a sled configured to receive the threaded shaft and engage sled complementary threads within the sled, wherein the sled is coupled to the plunger and is configured to actuate the plunger against the tube.

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